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TITLE : MONOCLONAL ANTIBODY TO HUMAN MASP

ABSTRACT : PURPOSE: To obtain a monoclonal antibody against human MASP (MBP associated serine protease) or its active fragment, to provide a method for producing the monoclonal antibody and to obtain a hybridoma capable of producing the monoclonal antibody.

CONSTITUTION: A rodent is immunized and sensitized against human MASP, a spleen is extracted from the immunized rodent, fused with a mouse myeloma cell according to a conventional method, a hybridoma of an antibody-forming cell and the myeloma cell is selected by selective culture method and made into a monoclonal by limiting dilution method. A monoclonal antibody is recovered from a supernatant liquid of a culture mixture of a hybridoma of the monoclonal to give a monoclonal antibody against human MASP to provide a method for producing the monoclonal antibody and to obtain the hybridoma.

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